RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/725,906A_

Source: _/600_

Date Processed by STIC: _11/29/2003_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
   http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 ___ Wrapped Nucleics / Wrapped Aminos — The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to 3; this will prevent "wrapping."

2 ___ Invalid Line Length — The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 ___ Misaligned Amino Numbering — The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 ___ Non-ASCII — The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 ___ Variable Length — Sequence(s)___contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 ___ PatentIn 2.0 "bug" — A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7 ___ Skipped Sequences (OLD RULES) — Sequence(s) ___ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 ___ Skipped Sequences (NEW RULES) — Sequence(s) ___ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9 ___ Use of n's or Xaa's (NEW RULES) — Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10 ___ Invalid <213> Response — Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11 ___ Use of <220> — Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12 ___ PatentIn 2.0 "bug" — Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 ___ Misuse of n/Xaa — "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/725,906A**

DATE: 11/28/2003
TIME: 17:03:10

Input Set : **A:\PTO.PG.txt**
Output Set: **N:\CRF4\11282003\I725906A.raw**

```
 3 <110> APPLICANT: MCKERRACHER, Lisa
 5 <120> TITLE OF INVENTION: Methods for making and delivering Rho-antagonist tissue
adhesive
 6        formulations to the injured mammalian central and peripheral nervous systems and
 7        uses thereof
 9 <130> FILE REFERENCE: 06447-003-US-02
11 <140> CURRENT APPLICATION NUMBER: US 09/725,906A
12 <141> CURRENT FILING DATE: 2000-11-30
14 <160> NUMBER OF SEQ ID NOS: 3
16 <170> SOFTWARE: PatentIn version 3.1
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 726
20 <212> TYPE: DNA
21 <213> ORGANISM: Clostridium botulinum
23 <400> SEQUENCE: 1
24 gtggcgaccc ttcccaaatc ggatctggtt ccgcgtggat cctctagagt cgacctgcag    60
26 gcatgcaatg cttattccat taatcaaaag gcttattcaa atacttacca ggagtttact   120
28 aatattgatc aagcaaaagc ttggggtaat gctcagtata aaaagtatgg actaagcaaa   180
30 tcagaaaaag aagctatagt atcatatact aaaagcgcta gtgaaataaa tggaaagcta   240
32 agacaaaata agggagttat caatggattt ccttcaaatt taataaaaca agttgaactt   300
34 ttagataaat cttttaataa aatgaagacc cctgaaaata ttatgttatt tagaggcgac   360
36 gaccctgctt atttaggaac agaatttcaa aacactcttc ttaattcaaa tggtacaatt   420
38 aataaaacgg cttttgaaaa ggctaaagct aagtttttaa ataaagatag acttgaatat   480
40 ggatatatta gtacttcatt aatgaatgtt tctcaatttg caggaagacc aattattaca   540
42 aaatttaaag tagcaaaagg ctcaaaggca ggatatattg accctattag tgcttttcag   600
44 ggacaacttg aaatgttgct tcctagacat agtacttatc atatagacga tatgagattg   660
46 tcttctgatg gtaaacaaat aataattaca gcaacaatga tgggcacagc tatcaatcct   720
48 aaataa                                                              726
51 <210> SEQ ID NO: 2
52 <211> LENGTH: 690
53 <212> TYPE: DNA
54 <213> ORGANISM: Clostridium botulinum
56 <400> SEQUENCE: 2
57 ggatcctcta gagtcgacct gcaggcatgc aatgcttatt ccattaatca aaaggcttat    60
59 tcaaatactt accaggagtt tactaatatt gatcaagcaa aagcttgggg taatgctcag   120
61 tataaaaagt atggactaag caaatcagaa aaagaagcta gtatcata tactaaaagc     180
63 gctagtgaaa taaatggaaa gctaagacaa aataagggag ttatcaatgg atttccttca   240
65 aatttaataa aacaagttga acttttagat aaatctttta ataaaatgaa gacccctgaa   300
67 aatattatgt tatttagagg cgacgaccct gcttatttag gaacagaatt tcaaaacact   360
69 cttcttaatt caaatggtac aattaataaa acggcttttg aaaaggctaa agctaagttt   420
71 ttaaataaag atagacttga atatggatat attagtactt cattaatgaa tgtttctcaa   480
73 tttgcaggaa gaccaattat tacaaaattt aaagtagcaa aaggctcaaa ggcaggatat   540
75 attgaccta ttagtgcttt tcagggacaa cttgaaatgt tgcttcctag acatagtact   600
77 tatcatatag acgatatgag attgtcttct gatggtaaac aaataataat tacagcaaca   660
```

RAW SEQUENCE LISTING   DATE: 11/28/2003
PATENT APPLICATION: **US/09/725,906A**   TIME: 17:03:10

Input Set : **A:\PTO.PG.txt**
Output Set: **N:\CRF4\11282003\I725906A.raw**

```
 79 atgatgggca cagctatcaa tcctaaataa                                     690
 82 <210> SEQ ID NO: 3
 83 <211> LENGTH: 229
 84 <212> TYPE: PRT
 85 <213> ORGANISM: Clostridium botulinum
 87 <220> FEATURE:
 88 <221> NAME/KEY: MISC_FEATURE
 89 <222> LOCATION: (106)..(106)
 90 <223> OTHER INFORMATION: (-)   invalid. What does Xaa represent?
 93 <220> FEATURE:
 94 <221> NAME/KEY: MISC_FEATURE
 95 <222> LOCATION: (143)..(143)
 96 <223> OTHER INFORMATION: (-)   invalid   see item 9 on Error Summary
 99 <400> SEQUENCE: 3                                                           Sheet
101 Gly Ser Ser Arg Val Asp Leu Gln Ala Cys Asn Ala Tyr Ser Ile Asn
102 1               5                   10                  15
105 Gln Lys Ala Tyr Ser Asn Thr Tyr Gln Glu Phe Thr Asn Ile Asp Gln
106             20                  25                  30
109 Ala Lys Ala Trp Gly Asn Ala Gln Tyr Lys Lys Tyr Gly Leu Ser Lys
110             35                  40                  45
113 Ser Glu Lys Glu Ala Ile Val Ser Tyr Thr Lys Ser Ala Ser Glu Ile
114         50                  55                  60
117 Asn Gly Lys Leu Arg Gln Asn Lys Gly Val Ile Asn Gly Phe Pro Ser
118 65                  70                  75                  80
121 Asn Leu Ile Lys Gln Val Glu Leu Leu Asp Lys Ser Phe Asn Lys Met
122             85                  90                  95
```

W-->
```
125 Lys Thr Pro Glu Asn Ile Met Leu Phe (Xaa) Gly Asp Asp Pro Ala Tyr
126             100                 105                 110
129 Leu Gly Thr Glu Phe Gln Asn Thr Leu Leu Asn Ser Asn Gly Thr Ile
130         115                 120                 125
133 Asn Lys Thr Ala Phe Glu Lys Ala Lys Ala Lys Phe Leu Asn (Xaa) Asp
134         130                 135                 140
137 Arg Leu Glu Tyr Gly Tyr Ile Ser Thr Ser Leu Met Asn Val Ser Gln
138 145                 150                 155                 160
141 Phe Ala Gly Arg Pro Ile Ile Thr Lys Phe Lys Val Ala Lys Gly Ser
142                 165                 170                 175
145 Lys Ala Gly Tyr Ile Asp Pro Ile Ser Ala Phe Gln Gly Gln Leu Glu
146                 180                 185                 190
149 Met Leu Leu Pro Arg His Ser Thr Tyr His Ile Asp Asp Met Arg Leu
150             195                 200                 205
153 Ser Ser Asp Gly Lys Gln Ile Ile Ile Thr Ala Thr Met Met Gly Thr
154     210                 215                 220
157 Ala Ile Asn Pro Lys
158 225
```

```
RAW SEQUENCE LISTING ERROR SUMMARY        DATE: 11/28/2003
PATENT APPLICATION:  US/09/725,906A        TIME: 17:03:11

Input Set : A:\PTO.PG.txt
Output Set: N:\CRF4\11282003\I725906A.raw
```

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 106,143

Invalid_Line_Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6